WASTEWATER-LAND APPLICATION PERMIT
LA-000075-03

Modification "C" January 31, 2006

RDO Processing, LLC, P.O. Box 265, Dubois, Idaho 83423 IS HEREBY AUTHORIZED TO CONSTRUCT, INSTALL, AND OPERATE A WASTEWATER-LAND APPLICATION TREATMENT SYSTEM IN ACCORDANCE WITH THE WASTEWATER-LAND APPLICATION RULES (IDAPA 58.01.17), THE WATER QUALITY STANDARDS AND WASTEWATER TREATMENT REQUIREMENTS (IDAPA 58.01.02), THE GROUND WATER QUALITY RULE (IDAPA 58.01.11), AND ACCOMPANYING PERMIT APPENDICES AND REFERENCE DOCUMENTS. **THIS PERMIT IS APPLICABLE TO THE PROCESSING FACILITY OWNED BY RDO PROCESSING, LLC AND THE ASSOCIATED 1,676-ACRE WASTEWATER LAND APPLICATION SITE OWNED BY BLF LAND, LLC LOCATED APPROXIMATELY 6 MILES SOUTH OF DUBOIS, IDAHO.** THIS PERMIT IS EFFECTIVE FROM THE DATE OF SIGNATURE AND EXPIRES ON, **MARCH 16, 2008**.

JAMES JOHNSTON
IDAHO FALLS REGIONAL ADMINISTRATOR
IDAHO DEPARTMENT OF ENVIRONMENTAL QUALITY

Date Issued: March 17, 2003

Date Modified: January 31, 2006

DEPARTMENT OF ENVIRONMENTAL QUALITY
900 N. Skyline, Suite B
Idaho Falls, ID 83402
(208) 528-2650

POSTING ON SITE RECOMMENDED

B. Permit Contents, Appendices, Reference Documents

Reference Documents Incorporated or to be Incorporated into Permit

1. Plan of Operation (Operation and Maintenance Manual (O & M))
2. Odor Management Plan.
3. Waste Solids Management Plan.
4. Nitrogen Loading Plan.

The Sections, Appendices, and Reference Documents listed on this page are all elements of Wastewater-Land Application Permit LA-000075-03 and are enforceable as such. This permit does not relieve RDO Processing, LLC hereafter referred to as the permittee, from responsibility for compliance with other applicable federal, state or local laws, rules, standards or ordinances.

C. Facility Information

Legal Name of Permittee	RDO Processing, LLC
Type of Wastewater	Industrial (Potato Processing)
Method of Treatment	500 micron Filter Pre-treatment and slow rate land application
Type of Facility	Private
Facility Location	Approximately 6 miles south of Dubois, Idaho
Legal Location	T9N, R36E, Sections 9, 16, 21, 22, 27 and 28.
County	Clark
USGS Quad	Camas
Soils on Site	Matheson-Malm Complex, Wolverine Fine Sands, Grassy Ridge-Matheson Complex, Grassy Butte-Matheson Complex, Lidy Sandy Loam 2 to 4% slopes, Lidy Gravelly Loam, Malm-Matheson-Rock Outcrop Complex and Matheson Loam.
Depth to Ground Water	Varies from 65 to 226 feet below ground surface.
Beneficial Uses of Ground Water	Agriculture, Domestic and Industrial
Nearest Surface Water	Camas Creek and Beaver Creek
Beneficial Uses of Surface Water	Agriculture and Recreation
Responsible Official **Mailing Address** **Phone / Fax**	Jan Nel, Plant Manager RDO Processing, LLC P.O. Box 265 Dubois, Idaho 83423 208-374-5600 / 208-374-5497
Facility Consultants **Mailing Address** **Phone / Fax**	Rocky Mountain Environmental associates, Inc. James D. Rush, PG 482 Constitution Idaho Falls, Idaho 83402-3537 208-524-2353 / 208-524-1795

D. Site-Specific Permit Conditions

1) The Permittee is allowed to apply wastewater and treat it on the land application sites as prescribed in the tables below and in accordance with all other applicable permit conditions and schedules.

Category	Permit Limits and Conditions
Type of Wastewater	Industrial (Potato Processing)
Application Site Area	1,676.5 total acres encompassing the following Hydraulic Management Units (HMU's): (see Figure 1, Appendix 2) **HMU** / **Description** / **Acres** MU-000075-01 / Center Pivot 106 / 212 MU-000075-02 / Center Pivot 107 / 209 MU-000075-03 / Center Pivot 108 / 199 MU-000075-05 / Center Pivot 151 / 290 MU-000075-06 / Center Pivot 152 / 226 MU-000075-07 / Center Pivot 153 / 223 MU-000075-08 / Center Pivot 154 / 188 MU-000075-10 / Corners A, B, and E / 36.5 MU-000075-11 / Corners C, and D / 44.5 MU-000075-12 / Corners F, G, and H / 48.5
Application Season	Year round
Growing Season (GS)	April 1 through October 31 (214 days)
Non-growing Season (NGS)	November 1 through March 31 (151 days)
Growing Season Maximum Hydraulic Loading Rate, Each Hydraulic Management Unit (HMU) Note: Applies to the total volume of wastewater and supplemental irrigation water applied.	Growing Season Maximum Hydraulic Loading Rate (HLR_{ngs}) shall be no greater than the Irrigation Water Requirement (IWR) using data from the Hamer 4NW table of the following University of Idaho Web Site: http://www.kimberly.uidaho.edu/water/appndxet/index.shtml. The IWR for the crop grown is equal to the Mean Irrigation Requirement (IR) data from these tables divided by the irrigation system efficiency. In lieu of these tables, current climatic and evaporation data, or 30-year average data may be used to calculate the IWR, as defined in the DEQ 1994 *Technical Interpretive Supplement*, pages IV-6 and IV-7. Assume no carryover soil moisture and a leaching rate of zero in calculating the IWR. Application shall generally follow consumptive use rates for the crop throughout the season.

Category	Permit Limits and Conditions
Non-Growing Season Maximum Hydraulic Loading Rate, each HMU Note: Applies to the total volume of wastewater and supplemental irrigation water supplied.	3.99 inches/acre, each HMU Not to exceed 181.5 million gallons (MG) total.
Runoff	No runoff is allowed from any site or fields used for wastewater land application except after a 25-year, 24-hour storm event or greater using Western Regional Climate Center (WRCC) Precipitation Frequency Map, Figure 28 "Isopluvials of 25-YR, 24-HR Precipitation" available at http://www.wrcc.dri.edu/pcpnfreq.html. For this site, the 25-year, 24-hour event is 2.2 inches.
Livestock Grazing	A grazing management plan must be submitted to DEQ for review and approval prior to any grazing activities. The grazing management plan must follow the guidance in chapter 4 of the *Handbook for Land Application of Municipal and Industrial Wastewater.*
Ground Water Quality	Ground water quality shall be in compliance with the Ground Water Quality Rule (GWQR), IDAPA 58.01.11.
COD Loading (lbs./acre-day), each HMU	50 lbs/acre-day, Seasonal average (GS & NGS)

Category	Permit Limits and Conditions
Annual Maximum Nitrogen Loading Rate, lbs./acre-yr., Each HMU (from all sources including, but not limited to, wastewater and supplemental fertilizers)	400 pounds per acre, effective through October 31, 2003. 150 percent of typical crop uptake effective November 1, 2003. Typical crop uptake shall be defined as the median crop nitrogen uptake from the three (3) most recent years the crop has been grown. Typical crop uptake is determined for each hydraulic management unit (HMU). For HMU's having less than three years of crop uptake data, regional crop yield data and typical nutrient content values or other values approved by DEQ may be used.
Phosphorus Limits	None. DEQ reserves the right to re-open this permit for inclusion of phosphorus loading rate limits.
Ground Water Protection	Ground water irrigation pumps directly connected to the wastewater distribution and land application system shall be equipped with DEQ approved backflow prevention devices or an approved equal. The backflow prevention devices shall be tested for proper operation annually.
Supervision	The wastewater treatment and application systems shall be operated under the supervision of a competent operator. The operator will be required to complete the DEQ sponsored 2003 WLAP training course offered by Brown Environmental. DEQ recommends that the operator attend any applicable training that is offered by the Southeast Idaho Operator Section of the Pacific Northwest Pollution Control Association (i.e. wastewater pre-treatment, operation and maintenance of pumps, emergency response, the use of polymers for water and wastewater treatment, etc.) and become certified through the Idaho Wastewater Operators Certification program during the life of this permit.

Category	Permit Limits and Conditions
Buffer Zones	Buffer zones of 300 feet or more shall be maintained between land application areas and inhabited dwellings and 50 feet or more shall be maintained between land application areas and areas accessible to the public. Buffer zones of 50 feet shall be maintained between land application areas and all man made surface waters including irrigation ditches and canals. Buffer zones of 100 feet shall be maintained between land application areas and all natural surface waters including rivers and streams. If necessary, BMP's to prevent runoff from the site shall be used in the buffer zones around all areas where runoff may potentially occur. New BMP's shall be reviewed and approved by DEQ prior to installation.
Odor Management	All wastewater treatment systems, land application facilities and other operations associated with the facility shall not create a public health hazard or nuisance conditions including odors. The site shall be operated in accordance with an approved Odor Management Plan. In the event nuisance odors, verified by DEQ, occur, the Plan shall be revised as necessary to address, eliminate or minimize the reoccurrence of nuisance odors.
Wellhead Protection	The following buffer zones shall be maintained for wellhead protection: • 500 feet or more shall be maintained between land application areas and domestic water supplies unless a Department approved mixing zone analysis indicates an alternative buffer zone is acceptable. • 25 feet or more shall be maintained between land application areas and on-site irrigation and monitoring wells. Berms and other BMPs, reviewed and approved by the DEQ, shall be used to protect the well heads of all on-site wells.

E. Monitoring Requirements

1.) The permittee shall monitor and measure parameters as stated in the Facility Monitoring Schedule in this section.

2.) Samples shall be collected at times and locations that represent typical environmental and process parameters being monitored.

3.) Appropriate analytical methods, as given in the DEQ *Handbook for Land Application of Municipal and Industrial Wastewater, April 1996*, or as approved by the Idaho Department of Environmental Quality (hereinafter referred to as "DEQ"), shall be employed.

4.) A description of approved sample collection methods, appropriate analytical methods, detection levels, and QA/QC procedures shall be included in the Operation and Maintenance manual.

5.) Unless otherwise agreed to in writing by the DEQ, data collected and submitted shall include, but not be limited to, the parameters and frequencies in the table on the following page.

6.) Ten (10) soil sample locations shall be selected for each management unit with greater than fifteen acres and Five (5) soil sample locations shall be selected for each management unit with fifteen acres or less. Three (3) soil samples shall be collected at each sample location, one at 0-12 inches, one at 12-24 inches, and one at 24-36 inches or refusal. The soil samples collected at each depth shall be composited to yield three (3) samples for analysis from each management unit.

7.) Ground water monitoring wells shall be purged a minimum of three (3) casing volumes prior to obtaining a sample of ground water. The static water level shall be measured prior to pumping or sampling the ground water.

8.) Wastewater sampling shall be as follows: 24-hour composite samples having four (4) aliquots evenly distributed over time shall be taken of the wastewater to be land applied.

9.) Annual reporting of monitoring requirements is described in Section G, Reporting Requirements.

10.) Monitoring locations are defined in Appendix 1, "Environmental Monitoring Serial Numbers".

E. Monitoring Requirements (Continued)

Frequency	Monitoring Point	Description/Type of Monitoring	Parameters
Daily	Flow meter	Flow of wastewater into land application system.	Volume (MG and inches/acre) to each hydraulic management unit (HMU), report monthly and annually.
Monthly	Effluent to land application	Wastewater quality into land application system. See note 8	Chemical Oxygen Demand (COD), Total Kjeldahl Nitrogen, Ammonia-Nitrogen, Nitrite + Nitrate-Nitrogen, Total Phosphorous, Chloride, Electrical Conductivity (EC), Potassium, pH
Quarterly	Effluent to land application	Wastewater quality into land application system. See note 8	Total Dissolved Inorganic Solids (TDIS) - the summation of chemical analytical concentration results for the following common ions in mg/L: calcium, magnesium, potassium, sodium, chloride, sulfate, and 0.6 x alkalinity (alkalinity measured as calcium carbonate). Submit analysis of individual ions in addition to TDIS.
Quarterly (For the first year only)	Effluent to land application	Wastewater quality into land application system. See note 8	Total Dissolved (TDS), Volatile Dissolved Solids (VDS).
Daily	Flow meter or Calibrated Pump Rate	Supplemental Irrigation Water	Volume (MG and inches/acre) to each HMU, report monthly and annually.
Annually (July)	Supplemental Irrigation Pumps	Supplemental Irrigation Water – Grab Sample	Nitrate-Nitrogen, Total Phosphorous, Total Dissolved Solids, Volatile Dissolved Solids, Chloride
Daily during NGS	Each soil monitoring unit	Temperature and field conditions	High and low air temperatures (°F) during each 24-hour period. Record visual observation of field and soil conditions (frozen, not frozen, ice layer, areas of ponding, etc.)
Twice per year (Mar.[1] and Nov.)	Each soil monitoring unit	See note 6	EC, Nitrate-Nitrogen, Ammonium Nitrogen, Phosphorus (plant available, Olsen method), pH

1. The spring soil sampling shall be performed prior to planting and fertilizing. Soil samples shall be collected no later than April 15th if weather conditions prevent access in March.

E. Monitoring Requirements (Continued)

Frequency	Monitoring Point	Description/Type of Monitoring	Parameters
Annually (Nov.)	Each soil monitoring unit	See note 6	Sodium Absorption Ratio
Monthly		Calculate IWR for each crop type	Volume (MG and inches/acre) to each HMU, report monthly.
Three (3) times per year (Mar.[2], Jul., Nov.)	RDO's Public Water Supply Well	Grab sample	COD, Nitrate-Nitrogen, Total Dissolved Solids, Chloride, Total Iron, Total Manganese, dissolved iron[3], dissolved manganese[3]
	Groundwater-monitoring wells, listed in appendix 1.	See note 7	COD, Nitrate-Nitrogen, Total Phosphorous, Total Dissolved Solids, water table elevation, water table depth, total iron, total manganese, chloride, dissolved iron[3], dissolved manganese[3]
Annually	Each HMU	Calculate GS and NGS wastewater (WW) and supplemental irrigation (SI) loading rates	Inches and MG/GS (WW loading) Inches and MG/GS (SI loading) Inches and MG/NGS (WW loading) Inches and MG/NGS (SI loading)
	Each HMU	Calculate seasonal (NGS/GS) average COD loading	Pounds/acre-day
	Each HMU	Nitrogen fertilizer application	Pounds/acre-year
	Each HMU	Calculate nitrogen loading from wastewater application	Pounds/acre-year

2. If weather conditions prevent access to monitoring wells in March, the spring ground water monitoring shall be performed no later than April 30th.
3. Analytical results are required for dissolved iron and/or manganese only if the results for total iron and/or total manganese exceed the standards in IDAPA 58.01.11.200.01.b.

E. Monitoring Requirements (Continued)

Frequency	Monitoring Point	Description/Type of Monitoring	Parameters
Annually	Each HMU	Calculate phosphorus loading from wastewater application	Pounds/acre-year
	Each HMU	Calculate Total Dissolved Inorganic Solids (TDIS) loading from wastewater application	Pounds/acre-year
	Each HMU	Measure crop yield as harvested	Pounds/acre and total pounds for each crop within each HMU (specify moisture basis)
	Each HMU	Plant tissue analysis: Composite sample of harvested portion of each crop per harvest.	Nitrate-nitrogen, Total Kjeldahl Nitrogen, Total Phosphorus, ash (dry tons/acre) for each crop within each HMU.
	Each HMU	Calculate crop nitrogen, phosphorus, and ash removal for each harvest.	Total Pounds/acre-year for each crop within each HMU.

F. Compliance Schedule For Requi. . Activities

The Activities in the following table shall be completed on or before the Completion Date unless modified by the Department in writing.

Compliance Activity Number **Completion Date**	Compliance Activity Description
CA-075-01 **September 30, 2003**	A Plan of Operation (Operation & Maintenance Manual or O&M Manual) for the wastewater land application facilities incorporating the requirements of this permit shall be submitted to DEQ for review and approval. The O&M Manual shall describe in detail the operation, maintenance, and management of the wastewater treatment system, and shall be designed for use as an operator guide for actual day-to-day operations to meet permit requirements. The O&M Manual shall include daily facility sampling and monitoring requirements to insure proper operation of the wastewater treatment facility, and shall include a description of approved sample collection methods, appropriate analytical methods, and QA/QC procedures for all monitoring requirements (including in-house and outside laboratory testing) listed in *Section E. Monitoring Requirements*. A Contingency Plan shall also be included as part of the O&M Manual. The Contingency Plan shall address, at a minimum, the following: 1.) Spill Prevention, Containment and Countermeasures 2.) Emergency Response 3.) System Upsets The Contingency Plan shall contain detailed plans addressing runoff prevention requirements and minimization of ponding events within land application fields. Upon approval by DEQ, the O&M Manual shall be incorporated by reference into this permit and shall be enforceable as a part of this permit.
CA-075-02 **September 30, 2003**	Submit an updated Nuisance Odor Management Plan to DEQ for review and approval. The Plan shall include wastewater treatment systems, land application facilities, and other operations associated with the facility. The Plan shall include specific design considerations, operation and maintenance procedures, and management practices to be employed to minimize the potential for or limit odors. The Plan shall also include procedures to respond to an odor incident if one occurs, including notification procedures.

Compliance Activity Number **Completion Date**	Compliance Activity Description
CA-075-03 **September 30, 2003**	1) The Permittee shall submit to DEQ for review and approval a Ground Water Investigation Report (Report) which, at a minimum shall include the analysis of iron, manganese, nitrate and TDS in addressing the following items: a. Establishes site background ground water quality. b. Identifies, by mapping, areas of ground water quality degradation and areas where ground water quality exceeds the standards set forth in the Ground Water Quality Rule (GWQR), IDAPA 58.01.11.200, as the result of past and/or present wastewater land application practices. c. Contains a list of the existing and projected beneficial uses of ground water in the areas where ground water quality degradation has been identified.
If required, WQIP submitted no later than March 30, 2003	2) For areas where ground water quality standards have been exceeded as identified in item 1.), the Permittee shall submit to DEQ a Water Quality Improvement Plan (WQIP) which, at a minimum, includes the following items: a. A list of possible remedial activities using best management practices (BMPs) and best practical methods (BPMs) that will result in ground water quality that meets GWQR standards and site background levels to the maximum extent practicable; b. An analysis of each alternative activity identified in the WQIP and justification for the selected activity(s); c. A schedule for implementation of the selected activity(s) and an estimated timeframe for compliance with ground water quality standards; d. Offer to provide an alternative domestic water supply (meeting IDAPA 58.01.11.200.01a, b, and c criteria) for any domestic well exceeding GWQR standards within the area identified in the Report. Once approved, the WQIP shall become a part of this permit and shall be enforceable as provided in applicable law. All work undertaken shall not deviate from the approved WQIP unless prior written approval is received from DEQ. With respect to the Report and the WQIP (Documents), if upon submittal further information is requested by DEQ, the Permittee shall submit such information to DEQ within 30 days of the request, or within a time frame allowed by DEQ. DEQ shall notify the Permittee in writing, of DEQ's approval of the report. If the Permittee does not submit approvable Documents, as determined by DEQ, within a reasonable time, the Permittee shall be in violation of this Permit.
To be determined	3.) For areas where ground water quality is degraded as identified in item 1.), but GWQR standards are not exceeded, preventative measures shall be implemented as provided in IDAPA 58.01.11.400.02. a. The permittee shall offer to provide an alternate water supply for any ground water user within the area identified in the Report whose beneficial use has been impaired.

Compliance Activity Number **Completion Date**	Compliance Activity Description
CA-075-04 **November 1, 2003**	Submit a nitrogen loading plan to DEQ for review and approval. The plan shall describe how the BLPDD will achieve compliance with the nitrogen permit limit of 150% of crop uptake. The plan shall be implemented starting on 2004 permit year (November 1, 2003 to October 31, 2004).
CA-075-05 **September 30, 2003**	Submit an updated Waste Solids Management Plan to DEQ for review and approval prior to disposal of any waste solids. The plan shall address how the requirements of Section H, No. 6 will be satisfied for all waste solids including, but not limited to, silt, tare, dredgings, sludges, clarifier and other solids. Upon DEQ review and approval, the Plan shall be incorporated into the O&M Manual.

G. Reporting Requirements

1.) The Permittee shall submit an Annual Wastewater-Land Application Site Performance Report ("Annual Report") prepared by a competent environmental professional no later than January 31 of each year, which shall cover the previous year from November 1 through October 31. The Annual Report shall include an interpretive discussion of monitoring data (ground water, soils, hydraulic loading, wastewater etc.) with particular respect to environmental impacts by the facility.

2.) The annual report shall contain the results of the required monitoring as described in *Section E. Monitoring Requirements*. Sampling frequencies greater than those prescribed in the Monitoring Requirements for parameters listed shall be included in the Annual Report.

3.) All lab reports containing the sample results for monitoring required by Section E of this permit shall be submitted to the Department with the Annual Report.

4.) Notice of completion of any work described in Section F. Compliance Schedule for Required Activities shall be submitted to the Department within 30 days of activity completion. The status of all other work described in Section F shall be submitted with the Annual Report.

H. Standard Permit Conditions: Procedures and Reporting

1. The permittee shall at all times properly maintain and operate all structures, systems, and equipment for treatment, operational controls and monitoring, which are installed or used by the permittee to comply with all conditions of the permit or the Wastewater-Land Application Permit Regulations, in conformance with a DEQ approved, current Plan of Operations (Operations and Maintenance Manual) which describes in detail the operation, maintenance, and management of the wastewater treatment system. This Plan of Operations shall be updated as necessary to reflect current operations.

2. Wastewater(s) or recharge waters applied to the land surface must be restricted to the premises of the application site unless permission has been obtained from the DEQ authorizing a discharge into the waters of the State as stated in IDAPA 58.01.02.600.02.

3. Wastewater must not create a public health hazard or nuisance condition as stated in IDAPA 58.01.02.600.03. In order to prevent public health hazards and nuisance conditions the permittee shall:

    a. Apply wastewater as evenly as practicable to the treatment area;
    b. Prevent organic solids (contained in the wastewater) from accumulating on the ground surface to the point where the solids putrefy or support vectors or insects; and
    c. Prevent wastewater from ponding in the fields to the point where the ponded wastewater putrefies or supports vectors or insects.

4. As a result of the land application of wastewater, ground water of the state must not contain contaminants exceeding those values as referenced under IDAPA 58.01.11, the *Ground Water Quality Rule*, unless otherwise specified in this permit.

5. The permittee shall:

    a. Manage the wastewater land application treatment site as an agronomic operation where vegetative cover is grown and harvested or grazed to utilize the nutrients and minerals in the wastewater, and,
    b. Not hydraulically overload any particular areas of the wastewater land application treatment site.

6. All waste solids, including dredgings and sludges, shall be utilized or disposed in a manner which will prevent their entry, or the entry of contaminated drainage or leachate therefrom, into the waters of the state such that health hazards and nuisance conditions are not created; and to prevent impacts on designated beneficial uses of the ground water and surface water. The permittee's management of waste solids shall be governed by the terms of the DEQ approved Waste Solids Management Plan, which upon approval shall be an enforceable portion of this permit.

7. If the permittee intends to continue operation of the permitted facility after the expiration of an existing permit, the permittee shall apply for a new permit at least six months prior to the expiration date of the existing permit in accordance with the Waste Water Land Application Permit Regulations and include seepage tests on all lagoons per latest DEQ procedures.

8. The permittee shall allow the Director of the Idaho Department of Environmental Quality or the Director's designee (hereinafter referred to as Director), consistent with Title 39, Chapter 1, Idaho Code, to:

    a. Enter the permitted facility,
    b. Inspect any records that must be kept under the conditions of the permit.
    c. Inspect any facility, equipment, practice, or operation permitted or required by the permit.
    d. Sample or monitor for the purpose of assuring permit compliance, any substance or any parameter at the facility.

9. The permittee shall report to the Director under the circumstances and in the manner specified in this section:

   a. In writing thirty (30) days before any planned physical alteration or addition to the permitted facility or activity if that alteration or addition would result in any significant change in information that was submitted during the permit application process.
   b. In writing thirty (30) days before any anticipated change which would result in non-compliance with any permit condition or these regulations.
   c. Orally within twenty-four (24) hours from the time the permittee became aware of any non-compliance which may endanger the public health or the environment at telephone numbers provided in the permit by the Director (see below)

      DEQ Regional Office: see Permit Certificate Page
      Emergency 24-Hour Number: 1-800-632-8000

   d. In writing as soon as possible but within five (5) days of the date the permittee knows or should know of any non-compliance unless extended by the DEQ. This report shall contain:

      i. A description of the non-compliance and its cause;
      ii. The period of non-compliance including to the extent possible, times and dates and, if the non-compliance has not been corrected, the anticipated time it is expected to continue; and
      iii. Steps taken or planned to reduce or eliminate reoccurrence of the non-compliance.

   e. In writing as soon as possible after the permittee becomes aware of relevant facts not submitted or incorrect information submitted, in a permit application or any report to the Director. Those facts or the correct information shall be included as a part of this report.

10. The permittee shall take all necessary actions to prevent or eliminate any adverse impact on the public health or the environment resulting from permit noncompliance.

11. The permittee shall determine (on an on-going basis) if any noxious weed problems relate to the permitted sites. If problems are present, coordinate with the Idaho Department of Agriculture or the local County authority regarding their requirements for noxious weed control. Also address these control operations in an update to the Operations and Maintenance Manual.

I. Standard Permit Conditions: Modifications, Violation, and Revocation

1. The permittee shall furnish to the Director within reasonable time, any information including copies of records, which may be requested by the Director to determine whether cause exists for modifying, revoking, re-issuing, or terminating the permit, or to determine compliance with the permit or these regulations.

2. Both minor and major modifications may be made to this permit as stated in IDAPA 58.01.17.700.01 and 02 with respect to any conditions stated in this permit upon review and approval of the DEQ.

3. Whenever a facility expansion, production increase or process modification is anticipated which will result in a change in the character of pollutants to be discharged or which will result in a new or increased discharge that will exceed the conditions of this permit, or if it is determined by the DEQ that the terms or conditions of the permit must be modified in order to adequately protect the public health or environment, a request for either major or minor modifications must be submitted together with the reports as described in G. Reporting Requirements, and plans and specifications for the proposed changes. No such facility expansion, production increase or process modification shall be made until plans have been reviewed and approved by the DEQ and a new permit or permit modification has been issued.

4. Permits shall be transferable to a new owner or operator provided that the permittee notifies the Director by requesting a minor modification of the permit before the date of transfer.

5. Any person violating any provision of the Waste Water Land Application Permit Regulations, or any permit or order issued thereunder shall be liable for a civil penalty not to exceed ten thousand dollars ($10,000) or one thousand dollars ($1,000) for each day of a continuing violation, whichever is greater. In addition, pursuant to Title 39, Chapter 1, Idaho Code, any willful or negligent violation may constitute a misdemeanor.

6. The Director may revoke a permit if the permittee violates any permit condition or the Wastewater Land Application Permit Regulations.

7. Except in cases of emergency, the Director shall issue a written notice of intent to revoke to the permittee prior to final revocation. Revocation shall become final within twenty (20) days of receipt of the notice by the permittee, unless within that time the permittee request an administrative hearing in writing to the Director.

8. The Director shall notify the permittee in writing of any revocation hearing at least twenty (20) days prior to the date set for such hearing. The hearing shall be conducted in accordance with Title 67, Chapter 52, Idaho Code.

9. If, pursuant to Idaho Code 67-5247, the Director finds the public health, safety or welfare requires emergency action, the Director shall incorporate findings in support of such action in a written notice of emergency revocation issued to the permittee. Emergency revocation shall be effective upon receipt by the permittee. Thereafter, if requested by the permittee in writing the Director shall provide the permittee a revocation hearing and prior notice thereof. Such hearings shall be conducted in accordance with Title 67, Chapter 52, Idaho Code.

10. The provisions of this permit are severable and if a provision or its application is declared invalid or unenforceable for any reason, that declaration will not affect the validity or enforceability of the remaining provisions.

11. The permittee shall notify the DEQ at least six (6) months prior to permanently removing any permitted land application site from service. Prior to commencing site closure activities, the permittee shall: a) participate in a pre-site closure meeting with the DEQ; b) develop a site closure plan that identifies specific closure or cleanup tasks with scheduled task completion dates in accordance with agreements made at the pre-site closure meeting; and c) submit the completed site closure plan to the DEQ for review and approval within forty-five (45) days of the pre-site closure meeting. The permittee must complete the DEQ approved site closure plan.

Appendix 1
Environmental Monitoring Serial Numbers

HYDRAULIC MANAGEMENT UNITS

Serial Number	Description	Acres
MU-007501	Center pivot 106	212
MU-007502	Center pivot 107	209
MU-007503	Center pivot 108	199
MU-007505	Center pivot 151	290
MU-007506	Center pivot 152	226
MU-007507	Center pivot 153	223
MU-007508	Center pivot 154	188
MU-007510	Corners A,B, and E	36.5
MU-007511	Corners C, and D	44.5
MU-007512	Corners F,G, and H	48.5

WASTEWATER SAMPLING POINTS

Serial Number	Description
WW-007501	Effluent to land application system

Appendix 1
Environmental Monitoring Serial Numbers

SOIL MONITORING UNITS

Soil Monitoring Unit	Common Name	Associated Hydraulic Mgmt Unit
SU-007501	Center pivot 106	MU-007501
SU-007502	Center pivot 107	MU-007502
SU-007503	Center pivot 108	MU-007503
SU-007505	Center pivot 151	MU-007505
SU-007506	Center pivot 152	MU-007506
SU-007507	Center pivot 153	MU-007507
SU-007508	Center pivot 154	MU-007508
SU-007510	Corners A,B, and E	MU-007510
SU-007511	Corners C, and D	MU-007511
SU-007512	Corners F,G, and H	MU-007512

GROUND WATER MONITORING

Ground Water Monitoring Unit	Common Name	Location
GW-007501	Down-gradient MW #1	See Figure 1, Appendix 2
GW-007502	Down-gradient MW #2	See Figure 1, Appendix 2
GW-007503	Down-gradient MW #3	See Figure 1, Appendix 2
GW-007504	Up-gradient MW #4	See Figure 1, Appendix 2
GW-007505	Down-gradient MW #151-deep	See Figure 1, Appendix 2
GW-007506	Down-gradient MW #151-perched	See Figure 1, Appendix 2
GW-007507	Down-gradient MW #152	See Figure 1, Appendix 2
GW-007508	Up-gradient MW #154 E	See Figure 1, Appendix 2
GW-007509	Up-gradient MW #106	See Figure 1, Appendix 2
GW-007510	Down-gradient MW #153 W	See Figure 1, Appendix 2
GW-007511	Down-gradient MW #154 W	See Figure 1, Appendix 2
GW-007512	Down-gradient RDO public water supply well	See Figure 1, Appendix 2